2038997

HAZARDOUS
SITE CONTROL
DIVISION

Remedial Planning/ Field Investigation Team (REM/FIT)

ZONE II

CONTRACT NO.
68-01-6692

CH2M HILL
Ecology &
Environment

CERCLA Site Inspection

Pilot Chemical Corporation
11756 Burke Street
Santa Fe Springs, CA 90670

0-84

Purpose: CERCLA Site Inspection

Facility: Pilot Chemical Corporation
11756 Burke Street
Santa Fe Springs, CA 90670

Site ERRIS ID Number: CAD008287823

Inspection ID Number: C(86)C052

TDD Number: R-09-8508-05

FIT Investigators: Elaine Silvestro
Luis Morales

Date of Inspection: November 15, 1985

Report Prepared By: Elaine Silvestro

Report Date: January, 1986

ecology and environment, inc.
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International Specialists in the Environmental Sciences

TABLE OF CONTENTS

1.0 INTRODUCTION

A site inspection of Pilot Chemical Corporation was conducted on November 15, 1985 pursuant to the Environmental Protection Agency's Technical Directive Document (TDD) R-9-8508-05. The primary purpose of this investigation was to gather information on historical waste management practices and local environmental factors to determine whether a potential threat exists to public health or the environment. This work was conducted by Ecology and Environment's (E & E) Field Investigation Team (FIT) under contract to the EPA.

In gathering background information on Pilot Chemical Corporation, FIT personnel contacted individuals at several state and local agencies and conducted a file search at the Department of Health Services (DHS).

A list of individuals and organizations contacted is presented below (Contact Reports are presented in Appendix A):

Mary Osborne	California DHS, Toxic Substances Control Division, Los Angeles, California
George Fajar	Los Angeles County Flood Control, Los Angeles, California
Juan Sanchez	Sanitation Districts of Los Angeles County, Los Angeles, California
John Hunter	Santa Fe Springs Public Works, Santa Fe Springs, California

Information obtained from these sources was used to prepare the Site History and Description section of this report and to plan field investigation efforts summarized in Section 4.0. The EPA Site Inspection Form is included in Apendix B.

2.0 SITE HISTORY AND DESCRIPTION

2.1 Site Location

Pilot Chemical Corporation is located at 11756 Burke Street, Santa Fe Springs, California. The former address was 11738 Sorensen Lane, Santa Fe Springs, California. The plant was not moved but the streets were renamed. The legal description of the site is longitude 118° 03' 40", and latitude 34° 57' 45" (see Figure 1).

The company is bounded by the Southern Pacific Railroad to the west and south. To the east is a truck loading facility and towards the north is West Bent Bolt, a zinc plating facility.

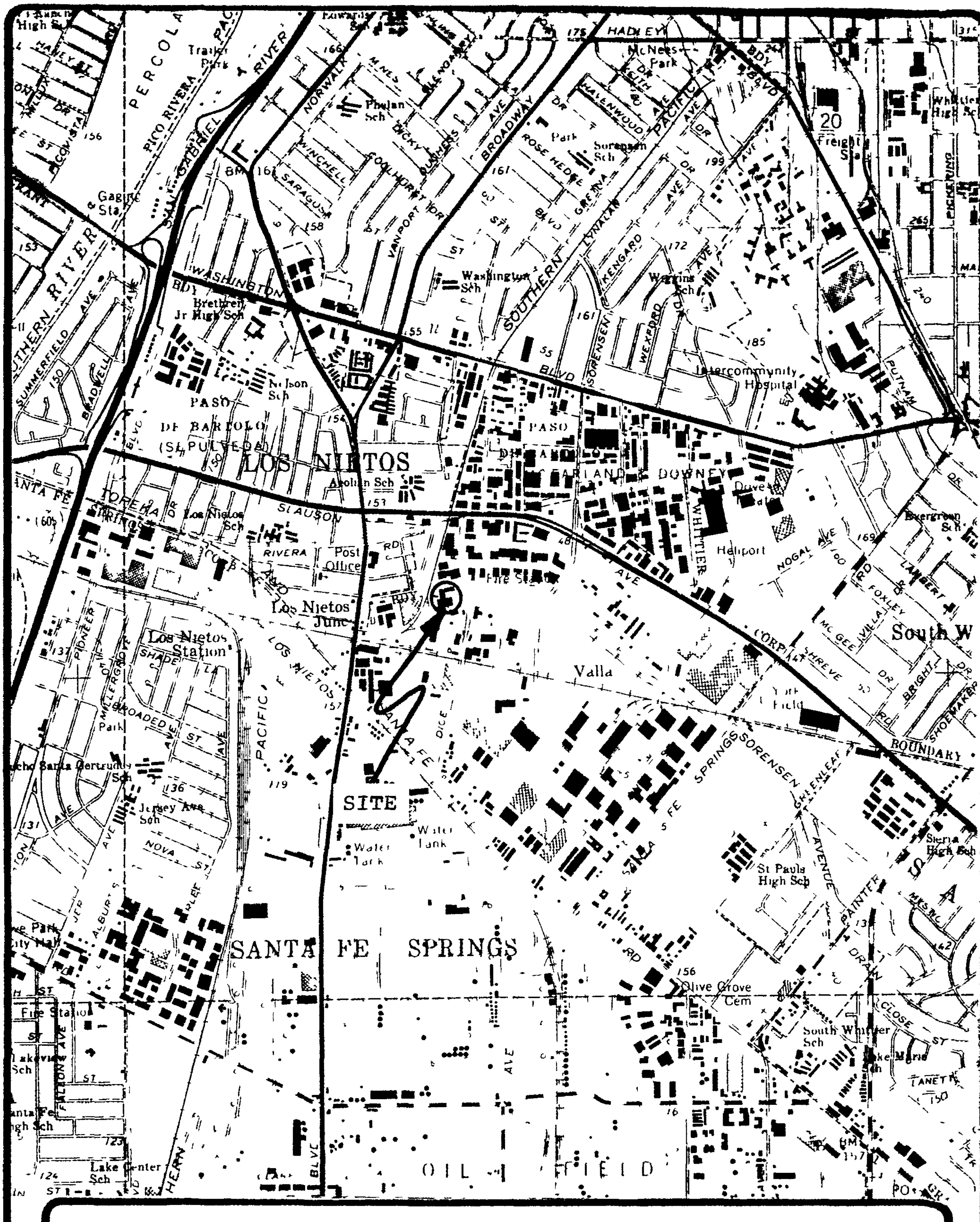
2.2 Site History

Pilot Chemical Corporation has occupied the site since 1952 and manufactures detergents and emulsifiers. The company is privately owned. The president and vice-president are J. J. Morrisroe and P. L. Morrisroe, respectively. The 4.5 acre facility consists of an office building, a production area and warehouses (see Figure 2).

The site is paved except for the southern end of the property. This area has piles of dirt and broken pieces of concrete. The site is easily accessible from the railroad tracks where a wall has been accidently knocked down. Otherwise, the site is fenced with chain link or brick walls with barbed wire on top.

2.3 Process Description

Pilot Chemical Corporation manufactures detergents and emulsifiers. The major products of concern are the long chain sulfanated hydrocarbons such as linear alkyl benzene sulfonate (LAS) and dixylylsulfone. The long chain hydrocarbon portion acts as a solvent for oils and greases, while the sulfonate portion increases the water solubility.



SITE LOCATION MAP

PILOT CHEMICAL CORPORATION

SANTA FE SPRINGS, CA

SCALE
1:24,000

SOURCE: USGS WHITTIER QUADRANGLE MAP

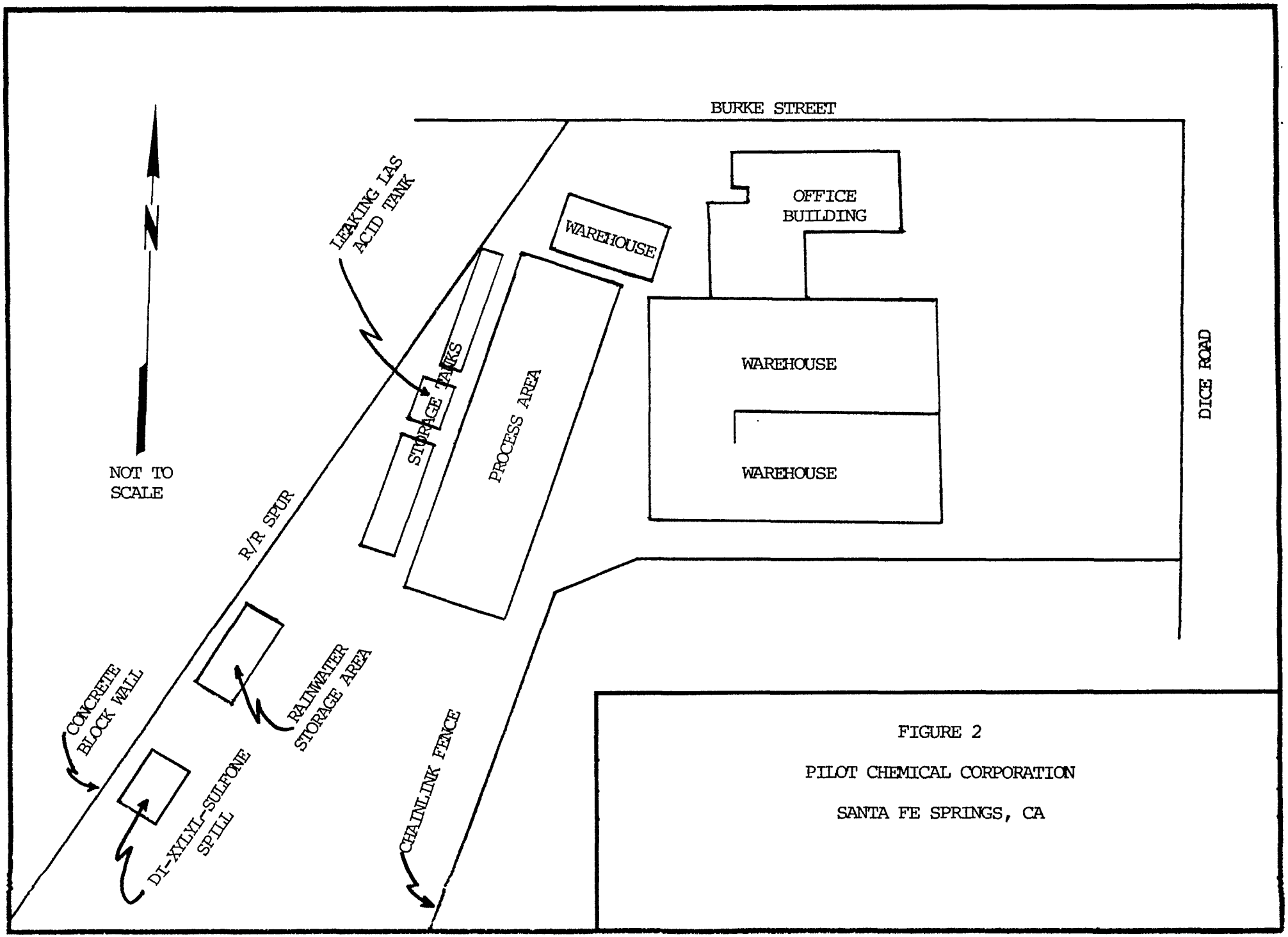


FIGURE 2

PILOT CHEMICAL CORPORATION

SANTA FE SPRINGS, CA

2.4 Waste Management Practices

Pilot Chemical Corporation produces approximately 13,000 gallons of waste water per day from runoff and process flows. Waste streams contain the following comstituents: alkyl and alkyl aryl sulfonates and sulfates, amides and various detergent mixtures (Reference 1). Appendix C contains a list of compounds stored on-site at Pilot Chemical Corporation.

Site Runoff

Rainwater runoff from teh site, except the east side, is collected and stored in the rainwater storage area for 24 hours. The holding time of 24 hours is to prevent overflow to the sewers. The rainwater storage area consists of two, above ground, steel tanks which have a capacity of 22,000 and 15,000 gallons.

The rainwater is pH tested in the pH control sump and if not in the 6-9 range, caustic is added. After being treated, the rainwater is sent through a clarifier and discharged into the sewer.

The rainwater runoff from the warehouse area, on the east side of the site is allowed to flow towards Dice Road unless contamination is suspected. If contamination is suspected there is a low point on the east side where a grate has been placed. Below this grate is a pump and a pipe leading to the rainwater storage area. The contaminated rainwater is pumped to the rainwater storage area and treated along with the other rainwater.

In 1981, berms were installed around storage tanks and the process area for containment of spills and to prevent rainwater from being contaminated (Reference 2). However, the berms were only added in the front of the storage tanks and not in the back (see Figure 2). This allows any leakage or spillage to migrate off-site onto the railroad spur.

Process Wastewaters

The process wastewater is sent to the pH control sump where is is tested for the 6-9 range. If needed, caustic is added and then the watewater is sent to a clarifier and discharged into the sewer.

Waste Products from 1971 to 1981

Wastes prior to mid 1981 were different than present. Wastes generated were sulfonic acid, sulfuric acid, xylene, and alkyl aryl sulfonate (Reference 3). These wastes were hauled off-site and disposed of at the following approved waste sites: BKK, Operating Industries, and Casmalia (Reference 4). The haulers were Imperial Western Surplus Company, Roberts Liquid Disposal Company, and ATS Liquid Waste Disposal. Prior to 1971, documentation regarding waste handling and disposal were unavailable.

1981 to Present

No hazardous wastes have been generated after a process change in mid 1981. The wastes reported since this date have been detergent sludge or detergent sulfonate from the clarifiers and pH control sump. These waste sludges have a pH of 6-7. These wastes are hauled by Roberts Liquid Disposal Company to Casmalia Landfill (Reference 5).

There are two underground clarifiers; 1-5,150 gallon and 1-1,200 gallon. Both clarifiers are fabricated of concrete with an epoxy coating. The 5,150 gallon clarifier extends 11 feet below ground level and the 1,200 gallon clarifier extends 6 feet below ground level.

The pH control sump is also underground and composed of concrete. It extends 6 feet below ground level and holds 2,585 gallons.

2.5 Enforcement History

According to the Los Angeles County Engineers (LACE) Pilot Chemical Corporation has a history of violations. In March 1954, zeolite birne and sodium sulphate was spilled near the railroad right-of-way. An explosion and fire occurred in June 1959, because of a large amount of chemicals spilled. The unknown chemicals were very corrosive and dissolve the firemen's shoes. In November 1970, liquid detergent was discharged to the ground on-site.

From 1968 to 1970, a total of 640-55 gallon drums of liquid waste was hauled from Pilot Chemical by Imperial Wester Surplus Company. The hauler was unlicensed and illegally disposed of many drums 500 feet west of Goetz Road in Perris, California, NE1/2, Section 19, T.6.S, R.3.W (Reference 6).

On July 27, 1971 the Santa Ana River Basin Regional Water Quality Control Board (RWQCB) found no record of these wastes being hauled by Imperial Western Surplus Company to the proposed destination of Henderson, Nevada. At that time the company's drum wastes consisted mainly of sulfuric acid/sludge, sulfonic acid/sludge and sulfone sludge. On July 28, 1971 due to the illegal disposal of these wastes at Henderson the RWQCB issued to Pilot Chemical Corporation a Cleanup and Abatement Order. In May 1976, a Cleanp Order was issued by LACE to Pilot Chemical for an oil and chemical spill around the railroad spur.

A field check by DHS on January 7, 1981 revealed the following: 1) two partially buried drums in the southwest corner of the property' 2) the holding or mixing tanks of the west side of the property showed leakage and spillage onto unpaved ground; and 3) liquid was ponded in a slight depression near the tanks (Reference 7).

On November 13, 1985 a LAS spill occurred on the railroad tracks on the west side of the property. Pilot Chemical Corporation informed the Santa Fe Springs Public Works Department of this incident. John Hunter, a subcontractor to Santa Fe Springs' Public Works Department, inspected the site and made the following recommendations: 1) dike the area of the sp ll and dig a drainage ditch; 2) pump the LAS back to the plant for reclamation; 3) any remainding LAS was to be neutralized with sodium bi-carboante; and 4) if warranted soil sampling may be recommended. FIT will follow-up on the status of recommendations made regarding soil sampling in this area.

3.0 ENVIRONMENTAL SETTING/HRS FACTORS

3.1 Physical Setting

Pilot Chemical Corporation is located in the Coastal Plain area wouthwest of the San Gabriel Valley and the Puente Hills (SE1/4, SE1/4, Section 30, T.2.S., R.11.W., Los Angeles County). The central coastal plain (known as Santa Fe Springs Plain) consists of alluvial fans formed from aggradation of the Los Angeles, San Gabriel, and Santa Ana Rivers during the late Pleistocene. These rivers originate in the bordering hills and mesas north and east of the area and empty in the San Pedro Bay (Pacific Ocean). Elevations at Pilot Chemical range from 145 to 150 feet above mean sea level with a resulting horizontal grade of less than one percent. Gradients increase north of the site.

Pilot Chemical Corporation is bordered on all sides by industrial areas. The closest residential areas are a quarter mile to the west and north. These residential areas include portions of Whittier and Santa Fe Springs. These two cities have a combined population of approximately 100,000 people.

The industrial area is primarily related to petroleum activities including oil wells and refineries. Industrial development has generally grown parallel to the Atchinson, Topeka, and Santa Fe Railroad, which is three and a half miles southwest of the site.

3.2 Soils

Variable soil types are encountered in the Santa Fe Springs Plain. Well log number 1633 B (see Appendix C) located 400 feet from Pilot Chemical indicates the site is underlain by "surface soil" to a depth of 10 feet. This "surface soil" is underlain by approximately 30 feet of sand, gravel, and silty clay which is followed by a 13 foot layer of clay.

3.3 Hydrogeology

Pilot Chemical is located on the Santa Fe Springs Plain which consists of terrace deposits of Upper Pleistocene Age. These deposits form a portion of the Montebello Forebay area.

The water-bearing sediments underlying the site range from upper and lower Pleistocene and extend to a depth of about 1,000 feet. According to Well Log 1633 B the first 40 feet of recent alluvium is composed of soil, sand, gravel, and silty clay. This layer is underlain by 13 feet of brown clay which overlies the Gasper Aquifer. The Gasper Aquifer consists of shale, sand, and gravel and is 50 feet thick. Underlying the Gasper Aquifer is 6 feet of brown silty clay which overlies the Gardena Aquifer. The Gardena Aquifer is used for municipal purposes. The aquifers are separated by two clay layers, one 13 feet thick and the second 6 feet thick. These layers are not completely impermable, hence migration of contaminants into the Gardena Aquifer may occur.

The nearest drinking well (Well log number 1623 M) is one quarter mile to the northwest. This well supplies water to sixty families and is screened within the Gardena Aquifer (see Appendix C).

3.4 Surface Water

Most of the streams within the Santa Fe Springs Plain have intermittent flow. Flash floods occur during heavy rains. Under natural conditions these streams meander widely in shallow braided channels. Some of the major stream channels running through the area and into San Pedro Bay have been straightened and lined with conc ete for flood control purposes.

Surface waters from the site flow into the Sorensen Avenue Drain located one-eighth of a mile to the east downgradient from Pilot Chemical. This drain eventually ends at the northern end of Coyote Creek wich is three miles from the site. The San Gabriel River is located one and a quarter mile west of Pilot Chemical Corporation.

4.0 SUMMARY OF FIT INVESTIGATION EFFORTS

On November 15, 1985 a field inspection of Pilot Chemical Corporation was conducted by Elaine Silvestro and Luis Morales of E & E's FIT. The primary purpose of this investigation was to collect historical waste disposal information to determine if a threat to public health or the environment exists. Mr. Larry Johnson, Pilot Chemical Corporation's Product Development Engineer, and Mr. Walter Wilson, Plant Manager, conducted the tour and answered questions relating to hazardous materials handling.

An inspection was conducted of the premises and the railroad spur on the west side of the property. The following observations were made:

- o There was a large linear alkyl benzene sulfoante (LAS) spill on the railroad spur behind the west side of the site. It was pooled in several areas and foamed in other areas.

- o There were berms placed around the tanks in 1981. They were only placed around the front but not in back of the storage tanks on the west side of the site. Therefore, they do not contain spillage or leakage.

- o The two tanks found leaking LAS acid in a field check by DOHS on January 7, 1981 are still leaking. There is evidence of off-site migration of this compound onto the railroad tracks from these tanks.

- o There was a stream of an oily mixture running from the site onto the railroad tracks.

- o On the southern end of the property, a brick wall had been accidently knocked down from the machinery used to dig up soil from a di-xylyl-sulfone spill. There was evidence of whitish clumps mixed with soil in this dug up area.

- Mr. Walter Wilson, plant manager, told FIT that the buried drums seen in the field check by DOHS in 1971 only contained old machinery parts. They were removed in 1982 and disposed of properly.

- When walking through the property, an SO_2 leak was detected outside of the process area. This leak burned the nose and throat and FIT immediately left the area.

- Overall there was poor housekeeping practices, and therefore FIT never entered an enclosed building.

5.0 CONCLUSION AND RECOMMENDATIONS

5.1 Conclusions and Recommendations

Pilot Chemical Corporation began operations in 1952 and manufactures detergents and emulsifiers. There has been many incidences of leakage and spillage on-site and off-site. In one documented case a tank containing LAS acid has been leaking for 4 years. This spillage and leakage has mainly occurred on the railroad spur or the southern end of the property. Due to the history of soil contamination, a potential exists for groundwater contamination.

All wastes are currently disposed of off-site. The sludge from the clarifiers and pH control sump are hauled to approved disposal sites. Pre-treated process water and rainwater runoff are discharged to the sewer.

A preliminary HRS evaluation assuming contamination of the Garden Aquifer indicates however, that this site would not be eligible for NPL inclusion based on a low waste characteristics and targets score. Therefore, additional FIT involvement with this site may not be required. The site should be referred to the Los Angeles County Health Department for abatement of poorhousekeeping practices and characterization of potential soil contamination. Areas of concern include the vicinity of the di-sylyl-sulfone and the railroad spur area adjacent to the leaking LAS tank. Based on any characterization results, additional investigative or remedial activities may be necessary.

6.0 REFERENCES

1. Sanitation Districts of Los Angeles County, Industrial Wastewater Discharge Permit Number 813, 1983.

2. Los Angeles County Engineer, September 1981.

3. Department of Health Services, Preliminary Assessment Summary, Erich Linse, August 1984.

4. Department of Health Services, Abandoned Industial Waste Disposal Site Survey, January 1981.

5. Larry Johnson, Pilot Chemical Corporation, personnel communication, November 15, 1985.

6. Department of Health Services, Preliminary Assessment Summary, Erich Linse, August 1984.

7. Departme.t of Health Services, Memorandum from Maria Durand to Carl Nelson, July 1982.

8. Los Angeles County Flood Control District, Well Log information, 1983.

Appendix A

CONTACT LOG AND REPORTS

CONTACT REPORT

AGENCY: California Department of Health Services

ADDRESS: 107 South Broadway, Los Angeles, CA

PERSON CONTACTED: Mary Osborne

FROM: Elaine Silvestro

TO: File-Pilot Chemical Corporation

DATE: November 1, 1985

SUBJECT: Pilot Chemical Corporation

I called to check if any new information was available on Pilot Chemical. There was no information in their file.

CONTACT REPORT

AGENCY: Sanitation Districts of Los Angeles County

ADDRESS: 1955 Workman Mill Road, Whittier, CA

PERSON CONTACTED: Juan Sanchez

FROM: Elaine Silvestro

TO: File-Pilot Chemical

DATE: November 4, 1985

SUBJECT: Pilot Chemical Corporation

Obtained Industrial Wastewater Permit Number (813) and amount wastewater discharge per day (average is 13,000 gallons/ day).

CONTACT REPORT

AGENCY: Regional Water Quality Control Board

ADDRESS: 107 South Broadway, Los Angeles, CA

PERSON CONTACTED: Tom Bell

FROM: Elaine Silvestro

TO: File-Pilot Chemical Corporation

DATE: November 1, 1985

SUBJECT: Pilot Chemical Corporation

No file was located.

CONTACT REPORT

AGENCY: Santa Fe Springs Public Works

ADDRESS: 11710 East Telegraph Road, Los Angeles, CA

PERSON CONTACTED: John Hunter

FROM: Elaine Silvestro

TO: File- Pilot Chemical

DATE: December 5, 1985

SUBJECT: Pilot Chemical Corporation

They (Sanitation District) inspect Pilot Chemical 4-5 times a year for physical damage from discharge to the sewer. When asked about the LAS spill he said he recommended diking the spill area, dig a drainage ditch, and pump back the LAS back to the plant's drums. Pilot Chemical is going to try and reclaim the product. He is rechecking the site today to ensure his recommendations were followed and completed. The railroad was not informed of the spill on their property.

SI should have included his observations after he visited

Appendix B

SUPPORTING DOCUMENTS

Table 1

Compounds On-site at Pilot Chemical Corporation

Hard dodecylbenzene
Shellflex 213-214 (hydrocarbon oil)
Alkylate H230 light
Soft tridecylbenzene
Ethyl alcohol 3A
Isopropanol
Ethonic
AE-3 Ethoxylated lauryl alcohol
Aqueous ammonia
Coconut oil
Diethanolamine
Sun tech IV oil
Sodium hydroxide (50%)
Sulfur trioxide
Sulfur dioxide
Sulfuric acid
Xylene
Propionic acid
Lauryl alcohol
Citric acid
Aristol 360 (mono/di-alkylbenzene)
Aristol 330 (mono/di-alkylbenzene)
Monosodium phosphate
Sodium sulfate salt cake
Metholene
Sodium methylate
Disodium phosphate
Hydrated lime
Phetaphen 67
Dimethylamine
Isopropylamine
Sulfamic acid
Triethanolamine
Sodium citrate
Sodium carbonate
Cinella my
Benzaldehyde
Sodium benzoate
Salt fine
Sodium sulfite
Calcium hydroxide
Maleic anhydride
Sodium bisulfite
Versene
Formalin (formaldehyde solution)
Sodium sesquicarbonate
Ammonium chloride
Hydrogen peroxide (35%)
Sodium hypochlorite (bleach)
Toluene
Sodium bicarbonate
Surfonic N95
Filtrol clay
Alfonic ES acid
Calsoft F-90 feed (dodecylbenzene sulfonic acid)

Compounds On-site at Pilot Chemical Corporation (con't)

Lauric acid-natural
MSS (trisodium sulfosuccinate)
Sun tech IV acid
Xylene sulfonic acid
Sodium hydroxide (4.9%)
Sodium hydroxide (11%)
Sodium hydroxide (13%)
Sodium hydroxide (17.8%)
Calsoft LAS-99 (dodecylbenzene sulfonic acid)
Calsoft L-60 (Na LAS 60%)
Calsoft T-40 (TEA LAS 40%)
Calsoft T-60 (TEA LAS 65%)
Calamide C (coconut DEA super amide)
Calfoam S-30 (Sodium AE_3S)
Calfoam NEL-60 (Ammonium AE_3S)
Ammonium bisulfite
Aristonate 460 (medium molecular wt. petroleum sulfonate)
Aristonate 500 (high molecular wt. petroleum sulfonate)
Pilot SXS-40 (sodium xylene sulfonate)
Emulsifier 95 (hard dodecylebenzene sulfonic acid)
Calsoft F-90 (Na LAS)
Calsuds 81 (detergent blend)
Calsuds CD-6 (modified coconut DEA)
Calamide C (coconut DEA)
Calamide CW-100 (coconut DEA)
Calamide O (coco-oleic DEA)
Calimulse PPS (isopropylamine LAS)
Calfoam AAL (detergent blend)
Calfoam ES-30 (Na AE_3S)
Calfoam NEL-60 (NH_4AE_3S)
Calfoam SEL-60 (Na AE_3S)
Calfoam SLS-30 (Na AE_3S)
Pilot XSA (xylene sulfonic acid)
Aristonate 430 (petroleum sulfonate)
Aristonate 500 (petroleum sulfonate)

R.P. 151 feet

Location: center line Burke Street
204 feet east of Dice Road
84 feet east of Santa Fe Springs Fire Station #2

LOG OF WELL NO. 1633B

FROM	TO	CLASSIFICATION OF MATERIALS	FROM	TO	CLASSIFICATION OF MATERIALS
0	10	Surface soil			
10	40	Sand, gravel, silty clay			
40	53	Brown clay			
53	63	Reddish brown shale			
63	102	Medium & coarse sand, ¼" to 1" pebbles			
102	108	Brown silty clay			
108	121	Fine & medium grained sands.			
121	143	Brown clay and silt.			
143	173	Fine to med. sand, pebbles ¼" to 1½"			
173	193	Gray brown silt			
193	203	Gray brown sandy silt.			
203	213	Gray fine sand.			
213	223	Gray fine to med sand, pebbles to ¼"			
223	233	Gray silt and sand.			
233	243	Reddish brown silt & sand.			
243	263	Medium sand, some pebbles			
263	283	Gray brown silt			
283	293	Reddish brown silt			
293	303	Reddish brown silt & sand			
303	313	Gray brown silt & clay			
313	323	Light brown silt & fine sand.			
323	383	Coarse & medium sand with 3/4" to 1" gravel lenses			
383	393	Bluish gray clay			
393	403	Light brown fine sandy silt			
403	413	Light grayish brown fine sandy silt			
413	423	Gray-brown well indurated siltstone			
423	433	Fine to medium sand			
433	473	Light gray brown silt and fine sand interbedded			
473	483	Light gray brown fine sandy silt			
483	493	Fine to medium sand			
493	503	Light brown sandy silt			
503	513	Reddish brown shale, medium indurated			
513	573	Blue gray mudstone			
573	583	Brown shale with blue gravel streaks.			
583	593	Blue gray siltstone, indurated			
593	603	Blue gray shale			
603	643	Light brown shale			(Continued on Sheet 1-A)

Perforations 200' — 288';
300' — 900'

Struck water at 106'

Water level before perf. 106' after perf. 106'

Remarks Well casing gravel packed

1633B

(over)

LOG OF WELL NO. 16338

FROM	TO	CLASSIFICATION OF MATERIALS	FROM	TO	CLASSIFICATION OF MATERIALS
643	653	Blue gray mudstone, greasy clayey			
653	673	Blue gray slightly clayey fine sandy silt.			
673	683	Light gray brown shale			
683	694	Dark gray brown shale			
694	704	Blue gray shale			
704	724	Blue green clay & silt			
724	754	Gray brown siltstone, micaceous. Shells			
754	804	Blue gray silt & clay			
804	826	Green sandy siltstone			
826	834	Gray green sand & gravel			
834	844	Gray green sand & silt, fossils, wood			
844	854	Greenish gray coarse sand			
854	874	Greenish gray tough siltstone			
874	884	Greenish gray sand & gravel to 1".			
884	894	Gray brown fine grained siltstone			
894	904	Gray well indurated fine grained sandstone			

(Above log compiled from drillers log #30410 from cuttings log from City of Santa Fe Springs, by CCC of Advisory Section)

Perforations 200'-288';
300'-900'.

Struck water at

Water level before perf. after perf.

Remarks

16338

(over)

LACFCD LOC. NUMBER	MO-DA-YR	N M	WATER SURF. ELEV.	Q M	REF. POINT TO WS	REF. POINT ELEV.	GRND. SURF. TO WS	GRND. SURF. ELEV.	O B S
1633 B	7 31 77		58.0		93.0	151.0	92.5	150.5	2
	8 28 77		60.0		91.0		90.5		2
	9 25 77		58.0		93.0		92.5		2
	10 30 77		56.0		95.0		94.5		2
	11 27 77		56.0				94.5		2
	12 25 77		61.0		90.0		89.5		2
	1 29 78		67.0		84.0		83.5		2
	2 26 78		66.0		85.0		84.5		2
	3 26 78		71.0		80.0		79.5		2
	4 30 78		88.0		63.0		62.5		2
	5 26 78		83.0		68.0		67.5		2
	6 25 78		75.0		76.0		75.5		2
	7 [illegible] 78		69.0		82.0		81.5		2
	8 27 78		77.0		74.0		73.5		2
	9 [illegible]		80.0		71.0		70.5		2
	10 [illegible]		79.0		72.0		71.5		2
	11 [illegible]		83.0		68.0		67.5		2
	4 29 79		89.0		62.0		61.5		2
	10 [illegible]		90.0		61.0		60.5		2
	[illegible]		98.0		53.0		52.5		2
	[illegible]		86.0		65.0		64.5		2
	[illegible]		[illegible]				[illegible]		2
	11 [illegible]		90.0		61.0		60.5		2
	4 [illegible]		98.0				52.5		2
	[illegible]		[illegible]				[illegible]		2
	[illegible]		[illegible]		61.0		60.5		2
	10 [illegible]		90.0				60.5		2
1634	2 [illegible]		[illegible]		111.1	162.0	110.1	161.0	1
	[illegible]		[illegible]		115.4		114.4		1
	10 [illegible]		[illegible]		123.7		122.7		1
	11 [illegible]		[illegible]		122.0		121.0		1
	12 [illegible]		[illegible]		120.7		119.7		1
	1 [illegible]		[illegible]		119.5		118.5		1
	2 [illegible]		[illegible]		120.2		119.2		1
	4 [illegible]		[illegible]		122.4		121.4		1
	7 [illegible]		[illegible]		128.9		127.9		1
	8 [illegible]		[illegible]		128.7		127.7		1
	9 [illegible]		[illegible]		131.2		130.2		1
	10 [illegible]		[illegible]		132.4		131.4		1
	11 [illegible]		[illegible]		132.0		131.0		1
	12 [illegible]		32.0		130.0		129.0		1
	12 [illegible]		[illegible]		128.2		127.2		1
	1 [illegible]		[illegible]		126.4		125.4		1
	[illegible]		[illegible]		125.7		124.7		1
	2 [illegible]		[illegible]		126.6		125.6		1
	2 [illegible]		[illegible]		125.4		[illegible]		1
	3 [illegible]		[illegible]		125.2		[illegible]		1
	[illegible]		[illegible]				[illegible]		1
	[illegible]		[illegible]		125.7		[illegible]		1
	9 8 [illegible]		35.2		126.0		125.0		1
	5 20 [illegible]		30.0		126.0		125.0		1

76W349 106 REV Cib 11-53 SHEET 1

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION
WELL DATA

Owner: Tract #6192 Mutual Water Users Co. custodian J.C. Clifton, 11542 E. Walnut St, Los Nietos

Location and Description: In Los Nietos; 200' N. of ℄ Walnut St, 125' W of ℄ Norwalk Blvd; near alley in rear of J.L. Brant Machine Shop at #8619 S. Norwalk Blvd.

Use: Supplies water to 60 families.

Elev. of average grd. at well: ______ U. S. G. S. Datum

Elev. of grd. adjacent to well: ______ U. S. G. S. Datum

Water surface reference points:

(a) From ______ To ______ Elev. 155 How det. ______
Description: Plug opening in base of pump.

(b) From ______ To ______ Elev. ______ How det. ______
Description:

(c) From ______ To ______ Elev. ______ How det. ______
Description:

(d) From ______ To ______ Elev. ______ How det. ______
Description:

Type of well: ______ Size ~~8"~~ 10"

Original depth: ~~342'~~ 370' Soundings:

Pumping equipment: Pomona Centrifugal.

Power used: 60HP electric

Capacity: ______ Drawdown: ______

Date drilled: 8-9-1951 By Waterwell Supply

Artesian characteristics:

Quality of water:

Data from Matthews, LAWD, 3-31-54. No other well in this city block.

Remarks: Sampled by Mr. Lux a county employee, regularly. W.S. not read, but Mr. Clifton would like for F.C. to do so and tell him each time for his record. Other info. by phone from Joe Morris, Oxford 50081, J.L. Brant Oxford 55180, and J.C. Clifton, Oxford 55801; to Atkins, 11-10-54.

There was originally an 85' well 10 ft. from this well, same owner. (over)

Well Numbers | Owner | No. 3S/11W-30Q1 D.W.R. | Loc. D.W.R. | F.C. 1623M

LOG OF WELL NO. 1623M

FROM	TO	CLASSIFICATION OF MATERIALS	FROM	TO	CLASSIFICATION OF MATERIALS

Perforations 152' – 157';
330' – 333';
342' – 346'.

Struck water at

Water level before perf. after perf.

Remarks Well log & other data in Confidential – Well log files of the Advisory Section.

(over)

76W355 107 Gb 2-54 SHEET No. 2

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION
WELL MEASUREMENTS

WELL NO. 1623M

REF. POINT (a) ELEV. 155 FROM ____ TO ____

" " (___) " ____ " ____ " ____

" " (___) " ____ " ____ " ____

DATE	TIME	DIST. R. P. TO WATER SURFACE	ELEV. WATER SURFACE	OBSERVER	REMARKS
1954					
11-24	1300	—	—	Godfrey	Pumping - try early am.
12-7	1145	100.4	54.6	"	
-9	1240	100.1	54.9	"	
-21	0930	99.6	55.4	"	
1955					
1-5	1105	99.1	55.9	"	
-13	1235	98.4	56.4	"	
-20	1450	98.65	56.35	"	
2-2	1220	98.3	56.7	"	
10-17	1440	107.5	47.5	"	
-24	1100	107.8	47.2	"	
11-7	1405	—	—	"	Pumping
22	1220	108.4	46.6	"	

(OVER)

WELL NO. 1623M

Appendix C

POTENTIAL HAZARDOUS WASTE SITE INSPECTION REPORT,
EPA FORM 2070-13

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 1 - SITE LOCATION AND INSPECTION INFORMATION

I. IDENTIFICATION
01 State: CA | 02 Site Number: 0362

II. SITE NAME AND LOCATION

01 Site Name (Legal, common, or descriptive name of site)	02 Street, Route No., or Specific Location Identifier				
Pilot Chemical Company	11756 Burke Street				
03 City	**04 State**	**05 Zip Code**	**06 County**	**07 County Code**	**08 Cong Dist**
Santa Fe Springs	CA	90670	Los Angeles	037	33

09 Coordinates Latitude	Longitude	10 Type of Ownership (Check one)
34°57'45.0"	118°03'40.0"	[X] A. Private [ ] B. Federal _____ [ ] C. State [ ] D. County [ ] E. Municipal [ ] F. Other _____ [ ] G. Unknown

III. INSPECTION INFORMATION

01 Date of Inspection	02 Site Status	03 Years of Operation
11 / 15 / 85 (Month Day Year)	[X] Active [ ] Inactive	1952 (Beginning Year) / Present (Ending Year) ____ Unknown

04 Agency Performing Inspection (Check all that apply)
[ ] A. EPA [X] B. EPA Contractor Ecology & Environment (Name of firm) [ ] C. Municipal [ ] D. Municipal Contractor _____ (Name of firm)
[ ] E. State [ ] F. State Contractor _____ (Name of firm) [ ] G. Other _____ (Specify)

05 Chief Inspector	06 Title	07 Organization	08 Telephone No.
Elaine Silvestro	Chemical Engineer	E&E	(213)481-3670
09 Other Inspectors	**10 Title**	**11 Organization**	**12 Telephone No.**
Luis Morales	Geologist	E&E	(213)481-3670
			( )
			( )
			( )
			( )

13 Site Representatives Interviewed	14 Title	15 Address	16 Telephone No.
Larry Johnson	engineer	11756 Burke Street	(213)723-6035
Walter Wilson	plant manager	11756 Burke Street	(213)723-6035
			( )
			( )
			( )
			( )

17 Access Gained By (Check one)	18 Time of Inspection	19 Weather Conditions
[X] Permission [ ] Warrant	9:00 am	68°, clear and sunny

IV. INFORMATION AVAILABLE FROM

01 Contact	02 Of (Agency/Organization)	03 Telephone No.
John Moe	E&E	(415)777-2811

04 Person Responsible for Site Inspection Form	05 Agency	06 Organization	07 Telephone No.	08 Date
Elaine Silvestro	FIT	E&E	(213)481-3670	11 / 15 / 85 (Month Day Year)

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION
01 State: CA | 02 Site Number: 0362

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 Physical States (Check all that apply)
- ☐ A. Solid
- ☐ E. Slurry
- ☐ B. Powder, Fines
- ☒ F. Liquid
- ☒ C. Sludge
- ☐ G. Gas
- ☐ D. Other _____ (Specify)

02 Waste Quantity at Site (Measure of waste quantities must be independent)
- Tons: unknown
- Cubic Yards: ?
- No. of Drums: unknown

03 Waste Characteristics (Check all that apply)
- ☒ A. Toxic
- ☐ E. Soluble
- ☐ I. Highly Volatile
- ☒ B. Corrosive
- ☐ F. Infectious
- ☒ J. Explosive
- ☐ C. Radioactive
- ☒ G. Flammable
- ☒ K. Reactive
- ☒ D. Persistent
- ☐ H. Ignitable
- ☐ L. Incompatible
- ☐ M. Not Applicable

III. WASTE TYPE

Category	Substance Name	01 Gross Amount	02 Unit of Measure	03 Comments
SLU	Sludge	unknown	unknown	from clarifiers & pH control sump
OLW	Oily Waste			
SOL	Solvents			
PSD	Pesticides			
OCC	Other Organic Chemicals			
IOC	Inorganic Chemicals			
ACD	Acids	unknown	unknown	
BAS	Bases	unknown	unknown	
MES	Heavy Metals			

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 Category	02 Substance Name	03 CAS Number	04 Storage/Disposal Method	05 Concentration	06 Measure of Concentration
	Aqueous ammonia				
	Sodium hydroxide	1310-73-2			
	Sulfur dioxide				
	sulfuric acid	13013-19-9			
	Xylene	1330-20-7			
	Aristol 360 (xylenes/benzene)				
	~~di~~isopropylamine	75-31-0			
	formalin				
	dimethylamine	124-40-3			
	toluene	108-88-3			
	dodecylbenzene sulfonic acid				
	hard dodecyl benzene				
	benzaldehyde	100-52-7			
	ammonium chloride	12125-02-9			

V. FEEDSTOCKS (See Appendix for CAS Numbers)

Category	01 Feedstock Name	02 CAS Number	Category	01 Feedstock Name	02 CAS Number
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
01 State: CA | 02 Site Number: 0362

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 [X] A. Groundwater Contamination — 02 [ ] Observed (Date: _____) [X] Potential [ ] Alleged
03 Population Potentially Affected: _____ 04 Narrative Description

Due to soil contamination.

01 [X] B. Surface Water Contamination — 02 [ ] Observed (Date: _____) [ ] Potential [X] Alleged
03 Population Potentially Affected: _____ 04 Narrative Description

Sanitation District of LA County memo July 15, 1970 suggested detergents in Los Coyotes WRP effluents were from industrial sources. Pilot Chemical Wastewater could fit that description.

01 [ ] C. Contamination of Air — 02 [ ] Observed (Date: _____) [ ] Potential [ ] Alleged
03 Population Potentially Affected: _____ 04 Narrative Description

N/A

01 [X] D. Fire/Explosive Conditions — 02 [X] Observed (Date: June 1959) [ ] Potential [ ] Alleged
03 Population Potentially Affected: _____ 04 Narrative Description

In June 1959, explosion and fire at plant due to a large amount of chemicals spilled. The chemicals were very corrosive, dissolving firemens' shoes.

01 [X] E. Direct Contact — 02 [ ] Observed (Date: _____) [X] Potential [ ] Alleged
03 Population Potentially Affected: _____ 04 Narrative Description

Due to poor housekeeping.

01 [X] F. Contamination of Soil — 02 [X] Observed (Date: NOV. 15, 1985) [ ] Potential [ ] Alleged
03 Area Potentially Affected: _____ 04 Narrative Description

A large spill of LAS on the railroad spur had occurred on Nov. 13, 1985. A tank containing LAS acid has been leaking off-site onto the RR spur for 4 years.

01 [X] G. Drinking Water Contamination — 02 [ ] Observed (Date: _____) [X] Potential [ ] Alleged
03 Population Potentially Affected: _____ 04 Narrative Description

Due to soil contamination.

01 [X] H. Worker Exposure/Injury — 02 [ ] Observed (Date: _____) [X] Potential [ ] Alleged
03 Workers Potentially Affected: _____ 04 Narrative Description

Due to poor housekeeping.

01 [X] I. Population Exposure/Injury — 02 [ ] Observed (Date: _____) [X] Potential [ ] Alleged
03 Population Potentially Affected: _____ 04 Narrative Description

Due to poor housekeeping.

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
01 State: CA | 02 Site Number: 03602

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. Damage to Flora
04 Narrative Description
N/A
02 ☐ Observed (Date: _____) ☐ Potential ☐ Alleged

01 ☐ K. Damage to Fauna
04 Narrative Description
N/A
02 ☐ Observed (Date: _____) ☐ Potential ☐ Alleged

01 ☐ L. Contamination of Food Chain
04 Narrative Description
N/A
02 ☐ Observed (Date: _____) ☐ Potential ☐ Alleged

01 ☒ M. Unstable Containment of Wastes (Spills/Runoff/Standing liquids, Leaking drums)
03 Population Potentially Affected: _____
04 Narrative Description
On 3-54 zeolite brine discharged to ground near RR spur. On 3-76 spill of oil and chemicals around RR spur. On 11-85 LAS (linear alkyl benzene sulfonate) spill on RR spur. Leaking tanks (LAS acid) sited ~~in~~ '72 and '85, migrating off-site
02 ☒ Observed (Date: _____) ☐ Potential ☐ Alleged

01 ☒ N. Damage to Offsite Property
04 Narrative Description
Soil Contamination on RR spur.
02 ☒ Observed (Date: Nov 15, 85) ☐ Potential ☐ Alleged

01 ☒ O. Contamination of Sewers, Storm Drains, WWTPs
04 Narrative Description
02 ☐ Observed (Date: _____) ☒ Potential ☐ Alleged

01 ☒ P. Illegal/Unauthorized Dumping
04 Narrative Description
California Regional Water Quality Control Board issued a Cleanup and Abatement Order for discharge of waste in drums on ground near Perris, CA.
02 ☒ Observed (Date: July 1971) ☐ Potential ☐ Alleged

05 Description of Any Other Known, Potential, or Alleged Hazards

III. TOTAL POPULATION POTENTIALLY AFFECTED:

IV. COMMENTS
Poor - housekeeping conditions.

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)
RWQCB, LACE, EPA Files, Site Inspection, On-site observation

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION
01 State: CA | 02 Site Number: 0362

II. PERMIT INFORMATION

01 Type of Permit Issued (Check all that apply)	02 Permit Number	03 Date Issued	04 Expiration Date	05 Comments
☐ A. NPDES				
☐ B. UIC				
☐ C. AIR				
☐ D. RCRA				
☐ E. RCRA INTERIM STATUS				
☐ F. SPCC PLAN				
☐ G. STATE (Specify)				
☒ H. Local (Specify)	813			L.A. County Industrial Waste Water Discharge
☒ I. Other (Specify)	HA-HQ-36005050			Hazardous Waste Disposal Permit
☐ J. None				

III. SITE DESCRIPTION

01 Storage/Disposal (Check all that apply)	02 Amount	03 Unit of Measure
☐ A. Surface Impoundment		
☐ B. Piles		
☐ C. Drums, Above Ground		
☒ D. Tank, Above Ground		
☒ E. ~~Tank~~ clarifier, Below Ground	6350	gallons
☐ F. Landfill		
☐ G. Landfarm		
☐ H. Open Dump		
☐ I. Other (Specify)		

04 Treatment (Check all that apply)
- ☐ A. Incineration
- ☐ B. Underground Injection
- ☒ C. Chemical/Physical
- ☐ D. Biological
- ☐ E. Waste Oil Processing
- ☐ F. Solvent Recovery
- ☐ G. Other Recycling/Recovery
- ☐ H. Other (Specify)

05 Other
- ☒ A. Buildings On Site

06 Area of Site: 4.5 (Acres)

07 Comments

IV. CONTAINMENT

01 Containment of Wastes (Check one)
☐ A. Adequate, Secure ☐ B. Moderate ☒ C. Inadequate, Poor ☐ D. Insecure, Unsound, Dangerous

02 Description of Drums, Diking, Liners, Barriers, etc.
There are berms around the tanks in front but not in back allowing off-site migration of contents.

V. ACCESSIBILITY

01 Waste Easily Accessible: ☒ Yes ☐ No
02 Comments
A wall has been knocked down.

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Site Inspection
LA County Engineers
EPA Files
On-site Observation

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION
01 State: CA | 02 Site Number: 0362

II. DRINKING WATER SUPPLY

01 Type of Drinking Supply (Check as applicable)

	SURFACE	WELL
Community	A. ☐	B. ☒
Non-Community	C. ☐	D. ☐

02 Status

ENDANGERED	AFFECTED	MONITORED
A. ☐	B. ☐	C. ☐
D. ☐	E. ☐	F. ☐

03 Distance to Site

A. .25 (mi)

B. _____ (mi)

III. GROUNDWATER

01 Groundwater Use in Vicinity (Check one)

☐ A. Only Source for Drinking

☒ B. Drinking (Other sources available) Commercial, Industrial, Irrigation (No other water sources available)

☐ C. Commercial, Industrial, Irrigation (Limited other sources available)

☐ D. Not Used, Unuseable

02 Population Served by Ground Water _____

03 Distance to Nearest Drinking Water Well .25 (mi)

04 Depth to Groundwater	05 Direction of Groundwater Flow	06 Depth to Aquifer of Concern	07 Potential Yield of Aquifer	08 Sole Source Aquifer
60 (ft)	South	50 (ft)	_____ (gpd)	☒ Yes ☐ No

09 Description of Wells (Including useage, depth, and location relative to population and buildings)

Drinking water well 370 feet deep. Perforations at 152-157 feet, 330-333 feet, and 342-346 feet.

10 Recharge Area		11 Discharge Area	
☐ Yes	Comments	☐ Yes	Comments
☒ No		☐ No	

IV. SURFACE WATER

01 Surface Water (Check one)

☐ A. Reservior, Recreation Drinking Water Source

☐ B. Irrigation, Economically Important Resources

☐ C. Commercial, Industrial

☒ D. Not Currently Used

02 Affected/Potentially Affected Bodies of Water

Name:	Affected	Distance to Site
Los Coyotes Creek	☐	3 (mi)
San Pedro Bay (Pacific Ocean)-sewer empties into it.	☐	20 (mi)
	☐	_____ (mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 Total Population Within

One (1) Mile of Site	Two (2) Miles of Site	Three (3) Miles of Site
A. _____ No. of Persons	B. _____ No. of Persons	C. >100,000 No. of Persons

02 Distance to Nearest Population .25 (mi)

03 Number of Buildings Within Two (2) Miles of Site _____

04 Distance to Nearest Off-Site Building .05 (mi)

05 Population Within Vicinity of Site (Provide narrative description of nature of population within vicinity of site, e.g., rural, village, densely populated urban area)

All adjacent areas are commercial/industrial, nearest residential areas are .25 mile to the west and north. A playground and school are .25 mile to the north

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION
01 State: CA | 02 Site Number: 0362

VI. ENVIRONMENTAL INFORMATION

01 Permeability of Unsaturated Zone (Check one)

☐ A. 10^{-6} - 10^{-8} cm/sec ☒ B. 10^{-4} - 10^{-6} cm/sec ☐ C. 10^{-4} - 10^{-3} cm/sec ☐ D. Greater Than 10^{-3} cm/sec

02 Permeability of Bedrock (Check one)

☐ A. Impermeable (Less than 10^{-6} cm/sec) ☐ B. Relatively Impermeable (10^{-4} - 10^{-6} cm/sec) ☐ C. Relatively Permeable (10^{-2} - 10^{-4} cm/sec) ☐ D. Very Permeable (Greater Than 10^{-2} cm/sec)

03 Depth to Bedrock	04 Depth of Contaminated Soil Zone	05 Soil pH
>378 (ft)	unknown (ft)	unknown

06 Net Precipitation	07 One Year 24 Hour Rainfall	08 Slope: Site Slope	Direction of Site Slope	Terrain Average Slope
4-12" mean annual (in)	3.0 (in)	0-1 %	SE	0-1 %

09 Flood Potential
Site is in N/A Year Floodplan

10
☐ Site is on Barrier Island, Coastal High Hazard Area, Riverine Floodway

11 Distance to Wetlands (5 acre minimum)

ESTUARINE	OTHER
A. N/A (mi)	B. _____ (mi)

12 Distance to Critical Habitat (of endangered species)
_____ (mi)
Endangered Species: _____

13 Land Use in Vicinity

Distance to:

COMMERCIAL/INDUSTRIAL	RESIDENTIAL AREAS; NATIONAL/STATE PARKS, FORESTS, OR WILDLIFE RESERVES	AGRICULTURAL LANDS: PRIME AG LAND	AG LAND
A. 0 (mi)	B. .25 (mi)	C. _____ (mi)	D. _____ (mi)

14 Description of Site in Relation to Surrounding Topography

Site is relatively flat with a slight overall slope to the southeast.

VII. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Site Inspection
LA County Engineers
EPA Files
On-site observation

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 6 - SAMPLE AND FIELD INFORMATION

I. IDENTIFICATION
01 State: CA | 02 Site Number: 0362

II. SAMPLES TAKEN

Sample Type	01 Number of Samples Taken	02 Samples Sent To	03 Estimated Date Results Availabl
Groundwater			
Surface Water			
Waste			
Air		No Samples collected	
Runoff			
Spill			
Soil			
Vegetation			
Other			

III. FIELD MEASUREMENTS TAKEN

01 Type	02 Comments
	No field measurements made

IV. PHOTOGRAPHS AND MAPS

01 Type: [X] Ground [ ] Aerial

02 In Custody of: EPA, San Francisco, CA
(Name of organization or individual)

03 Maps: [X] Yes [ ] No

04 Location of Maps: Ecology and Environment, Inc., L.A, C.A.

V. OTHER FIELD DATA COLLECTED (provide narrative description)

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Site Inspection
LA County Engineers
EPA Files
On-site observation

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7 - OWNER INFORMATION

I. IDENTIFICATION	
01 State	02 Site Number
CA	0362

II. CURRENT OWNER(S)

01 Name	02 D+B Number	08 Name	09 D+B Number
Pilot Chemical Corp.			
03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code	10 Street Address (P.O. Box, RFD #, etc.)	11 SIC Code
11756 Burke Street			
05 City / 06 State / 07 Zip Code		12 City / 13 State / 14 Zip Code	
Santa Fe Springs / CA / 90670			
01 Name	02 D+B Number	08 Name	09 D+B Number
03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code	10 Street Address (P.O. Box, RFD #, etc.)	11 SIC Code
05 City / 06 State / 07 Zip Code		12 City / 13 State / 14 Zip Code	
01 Name	02 D+B Number	08 Name	09 D+B Number
03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code	10 Street Address (P.O. Box, RFD #, etc.)	11 SIC Code
05 City / 06 State / 07 Zip Code		12 City / 13 State / 14 Zip Code	

III. PREVIOUS OWNER(S) (list most recent first)

01 Name	02 D+B Number
03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code
05 City / 06 State / 07 Zip Code	
01 Name	02 D+B Number
03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code
05 City / 06 State / 07 Zip Code	
01 Name	02 D+B Number
03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code
05 City / 06 State / 07 Zip Code	

IV. REALTY OWNER(S) (If applicable, list most recent first)

01 Name	02 D+B Number
03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code
05 City / 06 State / 07 Zip Code	
01 Name	02 D+B Number
03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code
05 City / 06 State / 07 Zip Code	
01 Name	02 D+B Number
03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code
05 City / 06 State / 07 Zip Code	

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART B - OPERATOR INFORMATION

I. IDENTIFICATION	
01 State	02 Site Number
CA	0362

II. CURRENT OPERATOR (Provide if different from owner)

01 Name	02 D+B Number	04 SIC Code
03 Street Address (P.O. Box, RFD #, etc.)		
05 City	06 State	07 Zip Code
08 Years of Operation	09 Name of Owner	

OPERATOR'S PARENT COMPANY (If applicable)

10 Name	11 D+B Number	13 SIC Code
12 Street Address (P.O. Box, RFD #, etc.)		
14 City	15 State	16 Zip Code

III. PREVIOUS OPERATOR(S) (List most recent first; provide only if different from owner)

PREVIOUS OPERATORS' PARENT COMPANIES (If applicable)

01 Name	02 D+B Number	04 SIC Code	10 Name	11 D+B Number	13 SIC Code
03 Street Address (P.O. Box, RFD #, etc.)			12 Street Address (P.O. Box, RFD #, etc.)		
05 City	06 State	07 Zip Code	14 City	15 State	16 Zip Code
08 Years of Operation	09 Name of Owner During This Period				
01 Name	02 D+B Number	04 SIC Code	10 Name	11 D+B Number	13 SIC Code
03 Street Address (P.O. Box, RFD #, etc.)			12 Street Address (P.O. Box, RFD #, etc.)		
05 City	06 State	07 Zip Code	14 City	15 State	16 Zip Code
08 Years of Operation	09 Name of Owner During This Period				
01 Name	02 D+B Number	04 SIC Code	10 Name	11 D+B Number	13 SIC Code
03 Street Address (P.O. Box, RFD #, etc.)			12 Street Address (P.O. Box, RFD #, etc.)		
05 City	06 State	07 Zip Code	14 City	15 State	16 Zip Code
08 Years of Operation	09 Name of Owner During This Period				

IV. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 9 - GENERATOR/TRANSPORTER INFORMATION

I. IDENTIFICATION
01 State: CA | 02 Site Number: 0362

II. ON-SITE GENERATOR

01 Name	02 D+B Number
Pilot Chemical Corporation	
03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code
11756 Burke Street	
05 City	06 State	07 Zip Code
Santa Fe Springs	CA	90670

III. OFF-SITE GENERATOR

01 Name	02 D+B Number	01 Name	02 D+B Number
03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code	03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code
05 City	06 State	07 Zip Code	05 City	06 State	07 Zip Code
01 Name	02 D+B Number	01 Name	02 D+B Number
03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code	03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code
05 City	06 State	07 Zip Code	05 City	06 State	07 Zip Code

IV. TRANSPORTER(S)

01 Name	02 D+B Number	01 Name	02 D+B Number
ATS Liquid Waste Disposal		Roberts Liquid Disposal Comp.	
03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code	03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code
13858 E. Rosecrans		14708 Studebaker Rd	
05 City	06 State	07 Zip Code	05 City	06 State	07 Zip Code
Santa Fe Springs	CA	90670	Norwalk	CA	90650
01 Name	02 D+B Number	01 Name	02 D+B Number
Imperial Western Surplus		Chancellor & Ogden, Inc.	
03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code	03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code
12246 Park Ave		3031 East "I" Street	
05 City	06 State	07 Zip Code	05 City	06 State	07 Zip Code
Santa Fe Springs	CA	90670	Wilmington	CA	90744

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA Files
LA County Engineers
RWQCB
DOHS

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION
01 State: CA | 02 Site Number: 0362

II. PAST RESPONSE ACTIVITIES

01 ☐ A. Water Supply Closed
02 Date _____ 03 Agency _____
04 Description

01 ☐ B. Temporary Water Supply Provided
02 Date _____ 03 Agency _____
04 Description

01 ☐ C. Permanent Water Supply Provided
02 Date _____ 03 Agency _____
04 Description

01 ☒ D. Spilled Material Removed
02 Date Nov. 13, 85 03 Agency Santa Fe Springs. Public Works
04 Description LAS spill on RR spur.

01 ☐ E. Contaminated Soil Removed
02 Date _____ 03 Agency _____
04 Description

01 ☐ F. Waste Repackaged
02 Date _____ 03 Agency _____
04 Description

01 ☐ G. Waste Disposed Elsewhere
02 Date _____ 03 Agency _____
04 Description

01 ☐ H. On Site Burial
02 Date _____ 03 Agency _____
04 Description

01 ☐ I. In Situ Chemical Treatment
02 Date _____ 03 Agency _____
04 Description

01 ☐ J. In Situ Biological Treatment
02 Date _____ 03 Agency _____
04 Description

01 ☐ K. In Situ Physical Treatment
02 Date _____ 03 Agency _____
04 Description

01 ☐ L. Encapsulation
02 Date _____ 03 Agency _____
04 Description

01 ☐ M. Emergency Waste Treatment
02 Date _____ 03 Agency _____
04 Description

01 ☐ N. Cutoff Walls
02 Date _____ 03 Agency _____
04 Description

01 ☐ O. Emergency Diking/Surface Water Diversion
02 Date _____ 03 Agency _____
04 Description

01 ☐ P. Cutoff Trenches/Sump
02 Date _____ 03 Agency _____
04 Description

01 ☐ Q. Subsurface Cutoff Wall
02 Date _____ 03 Agency _____
04 Description

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION	
01 State	02 Site Number
CA	0362

II. PAST RESPONSE ACTIVITIES (Continued)

01 ☐ R. Barrier Walls Constructed — 02 Date _____ — 03 Agency _____
04 Description

01 ☐ S. Capping/Covering — 02 Date _____ — 03 Agency _____
04 Description

01 ☐ T. Bulk Tankage Repaired — 02 Date _____ — 03 Agency _____
04 Description

01 ☐ U. Grout Curtain Constructed — 02 Date _____ — 03 Agency _____
04 Description

01 ☐ V. Bottom Sealed — 02 Date _____ — 03 Agency _____
04 Description

01 ☐ W. Gas Control — 02 Date _____ — 03 Agency _____
04 Description

01 ☐ X. Fire Control — 02 Date _____ — 03 Agency _____
04 Description

01 ☐ Y. Leachate Treatment — 02 Date _____ — 03 Agency _____
04 Description

01 ☐ Z. Area Evacuated — 02 Date _____ — 03 Agency _____
04 Description

01 ☐ 1. Access to Site Restricted — 02 Date _____ — 03 Agency _____
04 Description

01 ☐ 2. Population Relocated — 02 Date _____ — 03 Agency _____
04 Description

01 ☐ 3. Other Remedial Activities — 02 Date _____ — 03 Agency _____
04 Description

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

On-site observation

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART II - ENFORCEMENT INFORMATION

I. IDENTIFICATION	
01 State	02 Site Number
CA	0362

II. ENFORCEMENT INFORMATION

01 Past Regulatory/Enforcement Action ☒ Yes ☐ No

02 Description of Federal, State, Local Regulatory/Enforcement Action

RWQCB on July 28, 1971 issued a Cleanup and Abatement Order to Pilot Chemical for the illegal disposal of Wastes On Goetz Road.

LACE in May 1976 issued a Cleanup Order for an oil and Chemical Spill around the RR Spur.

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA File